

CLAIMS

1. A method of inhibiting tumor growth in a cancer patient comprising administering to said patient a combination therapy comprising effective amounts of 5-FU and a methylol transfer agent, said methylol transfer agent being capable of substantially enhancing antineoplastic effects of said 5-FU, substantially reducing toxic side effects of said 5-FU, or a combination thereof, wherein said methylol transfer agent has a substantial effect on activity of said 5-FU, said substantial effect being selected from the group consisting of substantially enhancing antineoplastic effects of said 5-FU, substantially reducing toxic side effects of said 5-FU, and a combination thereof.
2. The method of claim 1 wherein said tumor is a lymphoma, carcinoma or sarcoma.
3. The method of claim 1 wherein said tumor is a glioma, a neuroblastoma, an astrocytoma, carcinomatous meningitis, breast cancer, ovarian cancer, colon cancer, rectal cancer, colo-rectal cancer, prostate cancer, pancreatic cancer, CNS cancer, liver cancer, lung cancer, gastric cancer, esophageal cancer, urinary bladder cancer, leukemia, melanoma, renal cell cancer, cancer in a patient's head, or cancer in a patient's neck.
4. - The method of claim 1 wherein said methylol transfer agent is taurolidine, taurultam, a biologically active derivative thereof, or a mixture thereof.
5. The method of claim 1 wherein said methylol transfer agent is taurolidine, taurultam or a mixture thereof.
6. The method of claim 1 wherein said tumor is colon cancer, rectal cancer or colo-rectal cancer.
7. The method of claim 6 wherein said tumor growth is metastatic tumor growth.
8. The method of claim 7 wherein said methylol transfer agent is taurolidine, taurultam, a biologically active derivative thereof, or a mixture thereof.

9. The method of claim 7 wherein said methylol transfer agent is taurolidine, taurultam or a mixture thereof.

10. In combination: 5-Fluorouracil (5-FU) and a methylol transfer agent in effective amounts for simultaneous, separate or sequential use for inhibiting tumor growth in a cancer patient, said methylol transfer agent being capable of substantially enhancing antineoplastic effects of said 5-FU, substantially reducing toxic side effects of said 5-FU, or a combination thereof, wherein said methylol transfer agent has a substantial effect on activity of said 5-FU, said substantial effect being selected from the group consisting of substantially enhancing antineoplastic effects of said 5-FU, substantially reducing toxic side effects of said 5-FU, and a combination thereof.

11. The combination of claim 10 wherein said methylol transfer agent is taurolidine, taurultam, a biologically active derivative thereof, or a mixture thereof.